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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/662,507	09/16/2003	Mitsugu Iwatsubo	242944US3	1352
22850	7590	10/28/2004		EXAMINER
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314				NOLAN, SANDRA M
			ART UNIT	PAPER NUMBER
			1772	

DATE MAILED: 10/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	10/662,507	IWATSUBO, MITSUGU	
	Examiner	Art Unit	
	Sandra M. Nolan	1772	
<i>-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --</i>			
<b>Period for Reply</b>			
<b>A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.</b>			
<ul style="list-style-type: none"> <li>- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.</li> <li>- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.</li> <li>- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.</li> <li>- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).</li> </ul>			
<b>Status</b>			
<p>1)<input type="checkbox"/> Responsive to communication(s) filed on ____.</p> <p>2a)<input type="checkbox"/> This action is <b>FINAL</b>.                            2b)<input type="checkbox"/> This action is non-final.</p> <p>3)<input checked="" type="checkbox"/> Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i>, 1935 C.D. 11, 453 O.G. 213.</p>			
<b>Disposition of Claims</b>			
<p>4)<input checked="" type="checkbox"/> Claim(s) <u>1-4</u> is/are pending in the application.</p> <p>4a) Of the above claim(s) ____ is/are withdrawn from consideration.</p> <p>5)<input checked="" type="checkbox"/> Claim(s) <u>1-4</u> is/are allowed.</p> <p>6)<input type="checkbox"/> Claim(s) ____ is/are rejected.</p> <p>7)<input checked="" type="checkbox"/> Claim(s) <u>1</u> is/are objected to.</p> <p>8)<input type="checkbox"/> Claim(s) ____ are subject to restriction and/or election requirement.</p>			
<b>Application Papers</b>			
<p>9)<input type="checkbox"/> The specification is objected to by the Examiner.</p> <p>10)<input type="checkbox"/> The drawing(s) filed on ____ is/are: a)<input type="checkbox"/> accepted or b)<input type="checkbox"/> objected to by the Examiner.</p> <p style="margin-left: 20px;">Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).</p> <p style="margin-left: 20px;">Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).</p> <p>11)<input type="checkbox"/> The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.</p>			
<b>Priority under 35 U.S.C. § 119</b>			
<p>12)<input type="checkbox"/> Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).</p> <p>a)<input type="checkbox"/> All    b)<input type="checkbox"/> Some * c)<input type="checkbox"/> None of:</p> <p>1.<input type="checkbox"/> Certified copies of the priority documents have been received.</p> <p>2.<input type="checkbox"/> Certified copies of the priority documents have been received in Application No. ____.</p> <p>3.<input type="checkbox"/> Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</p>			
<p>* See the attached detailed Office action for a list of the certified copies not received.</p>			
<b>Attachment(s)</b>			
<p>1)<input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</p> <p>2)<input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</p> <p>3)<input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>1-5-04</u>.</p> <p>4)<input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. ____.</p> <p>5)<input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</p> <p>6)<input type="checkbox"/> Other: ____.</p>			

## **DETAILED ACTION**

### ***Claims***

1. Claims 1-4 are pending.

### ***Information Disclosure Statement***

2. The examiner has considered the information disclosure statement (IDS) submitted on 05 January 2004.

### ***Ex parte Quayle Action***

3. This application is in condition for allowance except for the following informalities:

Claim 1 is objected to for reciting "blow molding" where --blow molded-- would be more correct. The claimed container is blow molded. Please revise the claim.

4. Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

5. A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

### ***Reasons for Allowance***

6. The following is an examiner's statement of reasons for allowance:

7. The base claim of the application is claim 1, which covers a blow-molded multilayer container for holding an oxidation dye, which container comprises:

-a moisture barrier layer with a water vapor transmission rate of 0.4 g.mm/(m<sup>2</sup>.d) or less and

-an oxygen barrier layer with an oxygen transmission rate of 10 cm<sup>3</sup>.mm/(M<sup>2</sup>.d.Mpa) or less,

wherein the oxygen barrier layer is closer to the container's exterior than is the moisture barrier layer.

8. The examiner found no applicable prior art found by the examiner that teaches or suggests containers having all of the features of claim 1.

9. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Citation as of Interest***

10. Porter et al (US 5,153,039) teaches blow molded containers (abstract) in which the outer layers are oxygen barrier layers (see col. 2, lines 58-60).

***Conclusion***

Any inquiry concerning this communication should be addressed to Sandra M. Nolan, at telephone number 571/272-1495. She can normally be reached Monday through Thursday, from 6:30 am to 4:00 pm, Eastern Time.

If attempts to reach the examiner are unsuccessful, her supervisor, Harold Pyon, can be reached at 571/272-1498.

The fax number for patent application documents is 703/872-9306.

*S. M. Nolan*  
S. M. Nolan  
Primary Examiner  
Technology Center 1700

10662507(20041026)